

FIG. 1
(PRIOR ART)

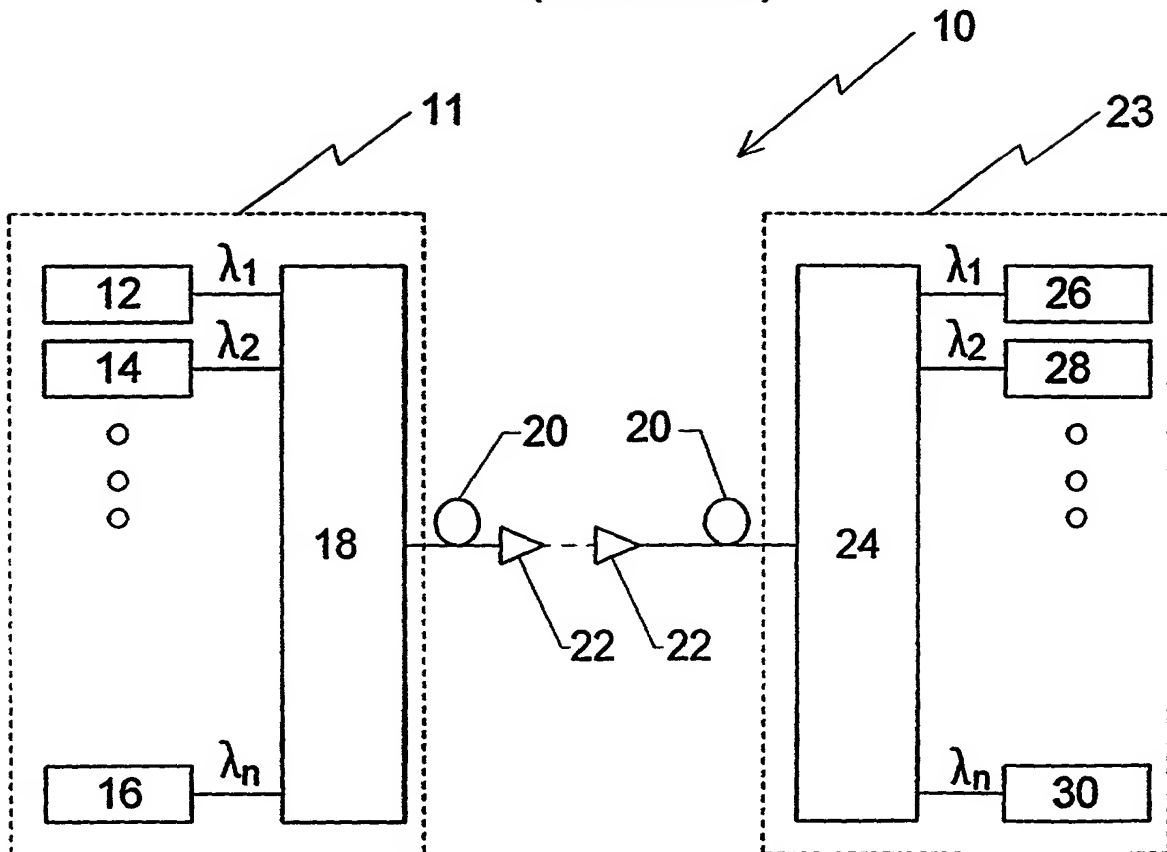


FIG. 2
(PRIOR ART)

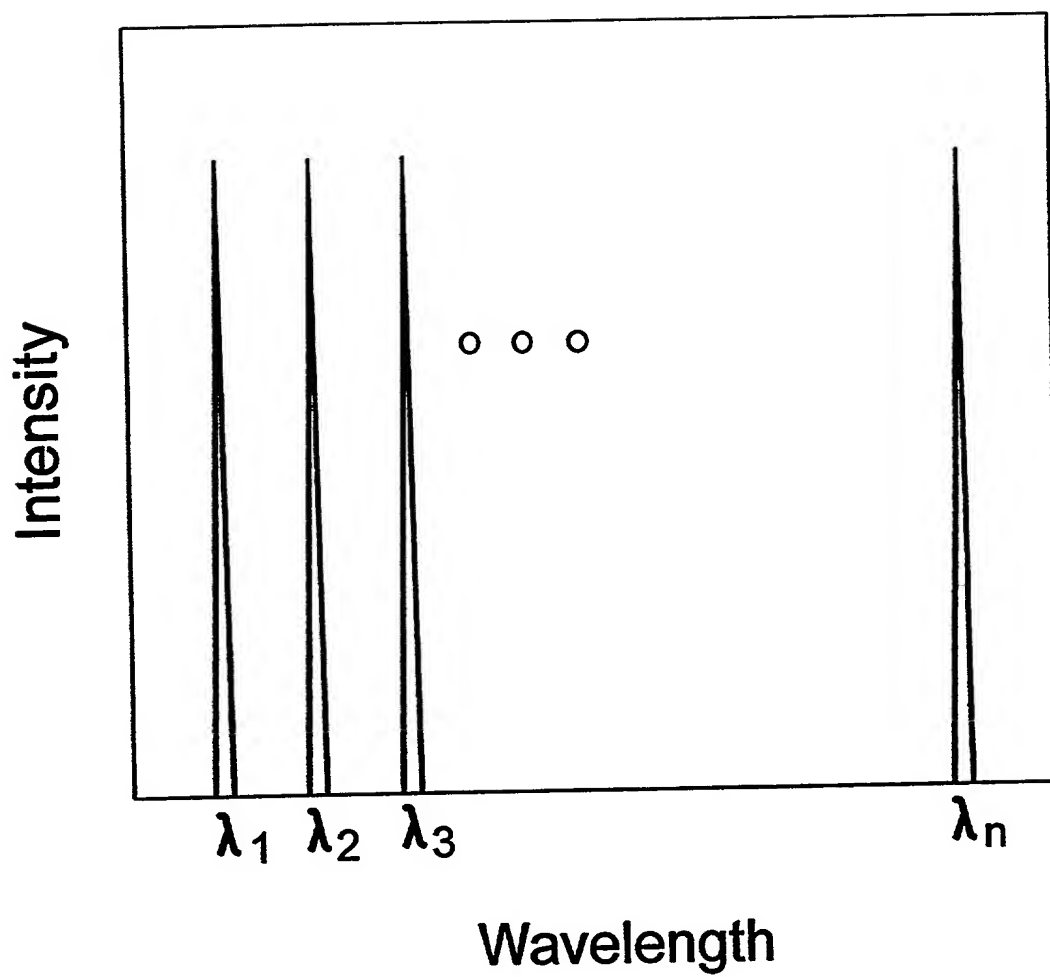


FIG. 3
(PRIOR ART)

FIG. 4A
(PRIOR ART)

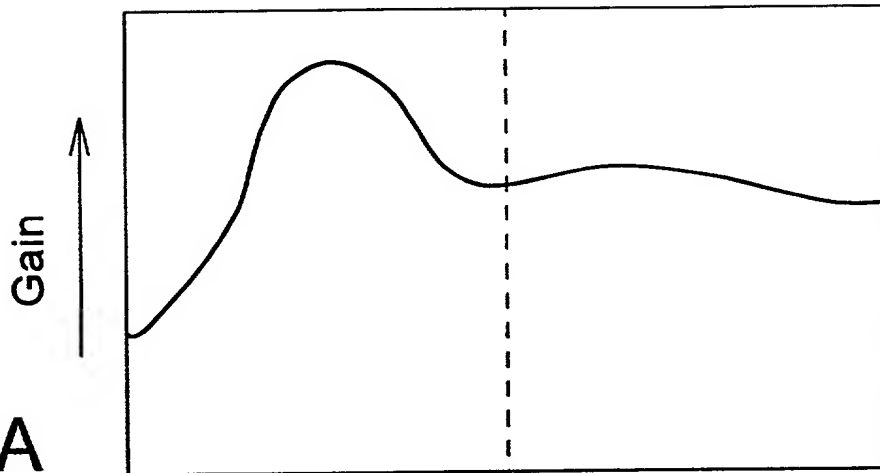


FIG. 4B
(PRIOR ART)

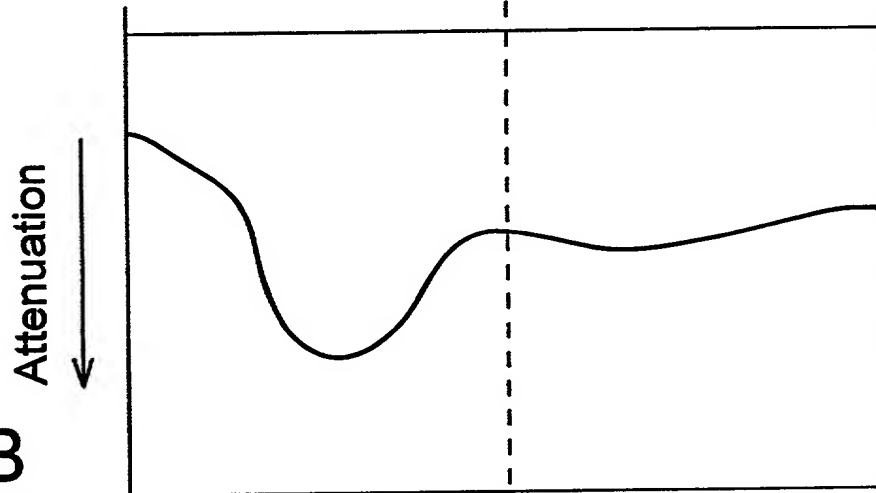
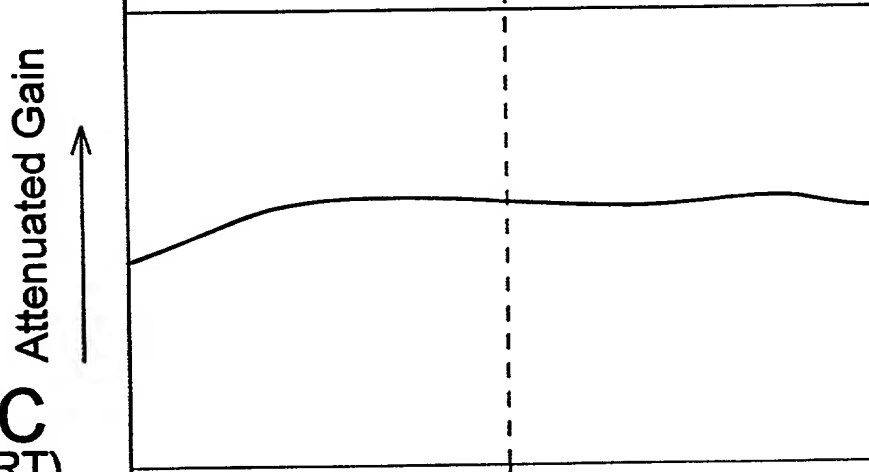


FIG. 4C
(PRIOR ART)



1520 nm 1540 nm 1560 nm
Wavelength

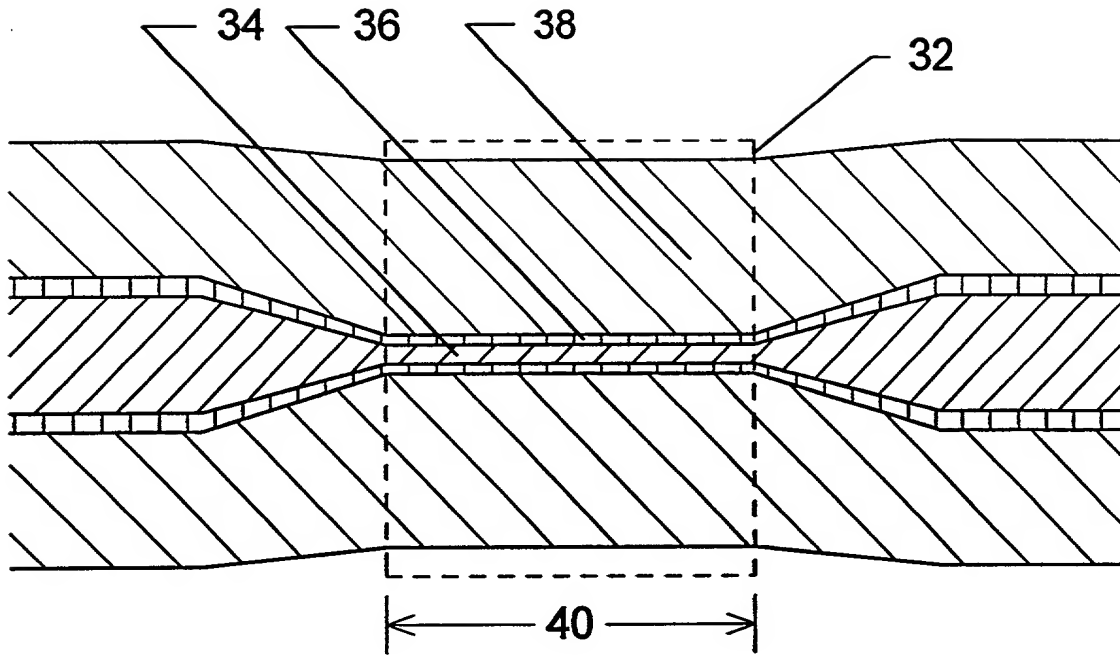


FIG. 5

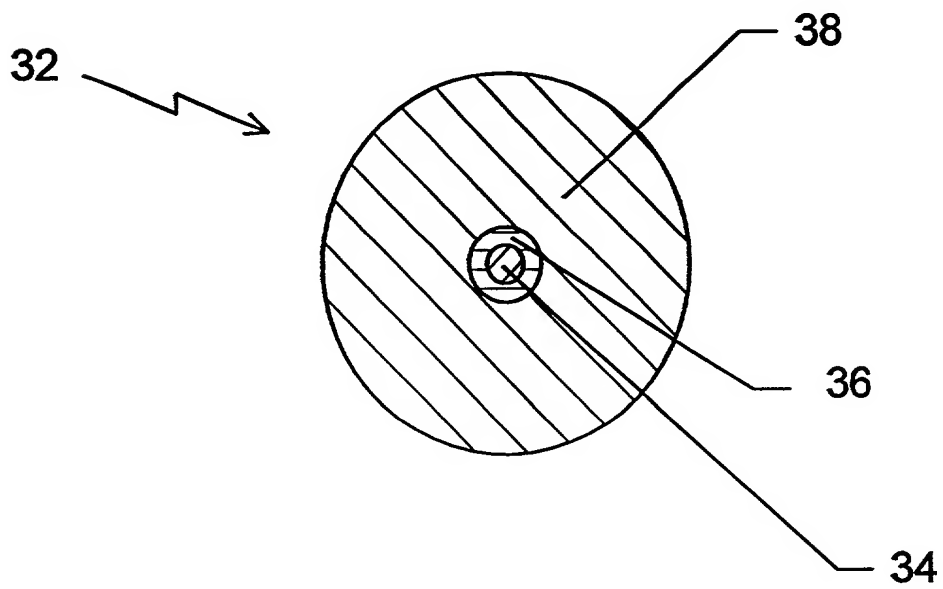


FIG. 6

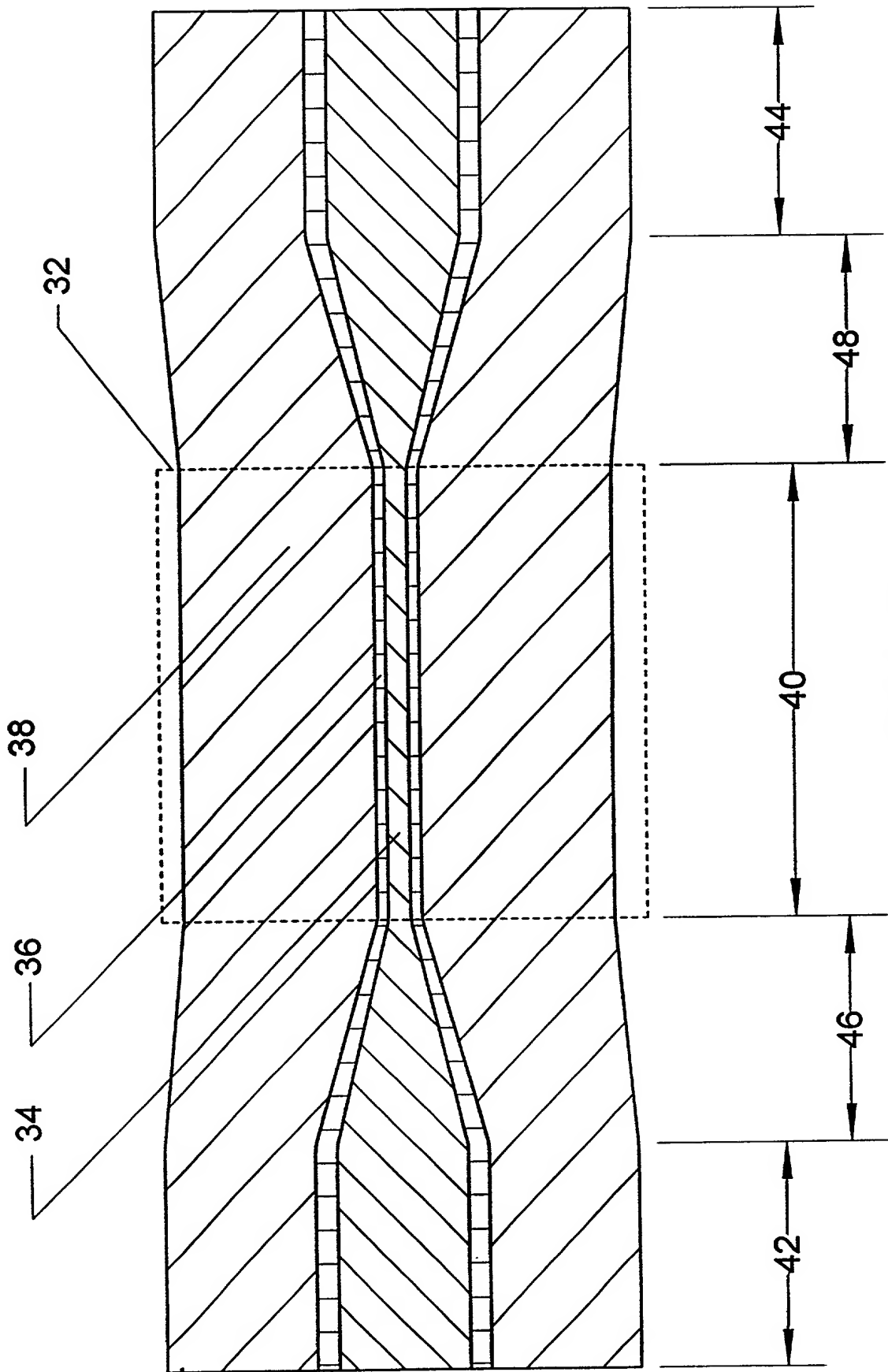


FIG. 7

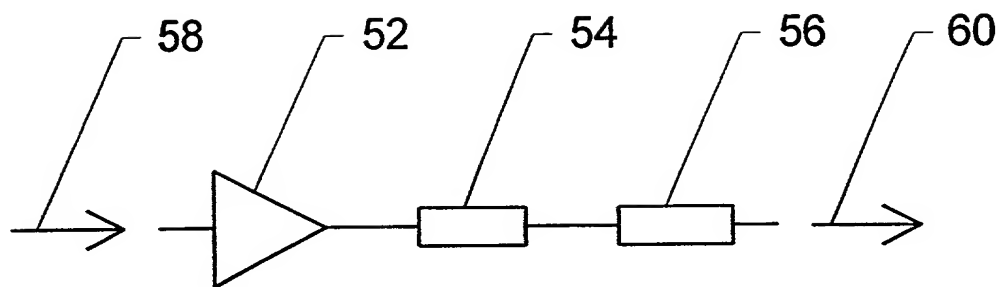


FIG. 8A

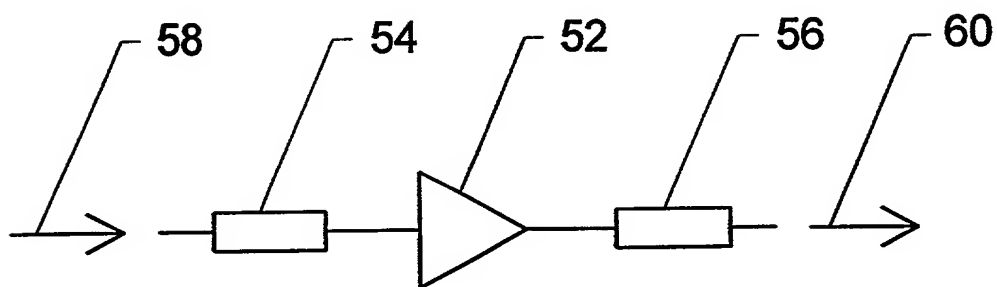


FIG. 8B

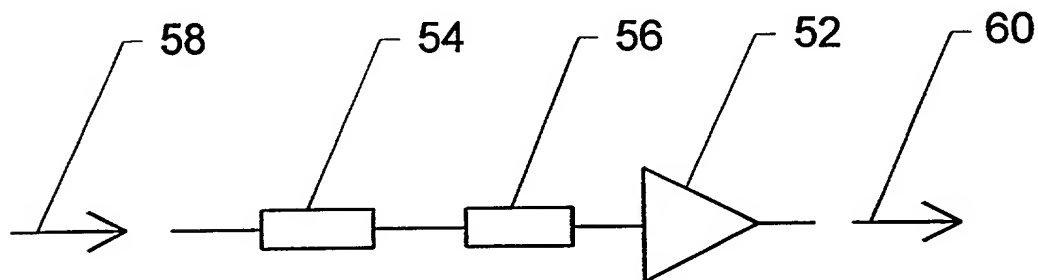


FIG. 8C

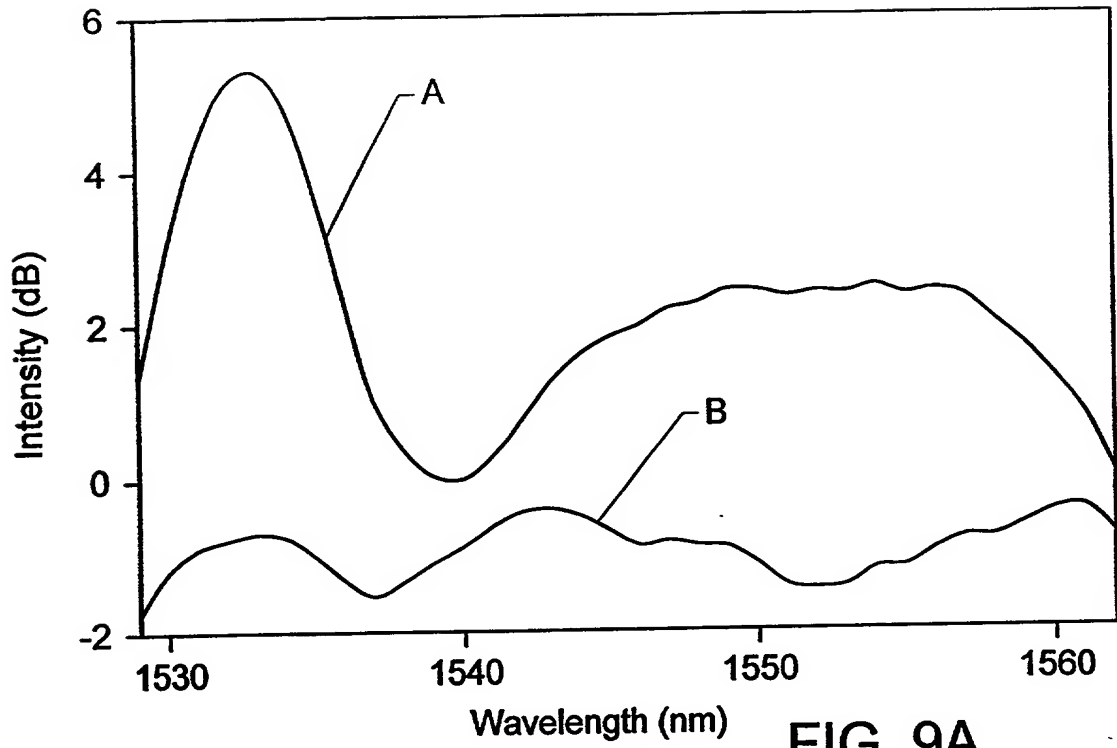


FIG. 9A

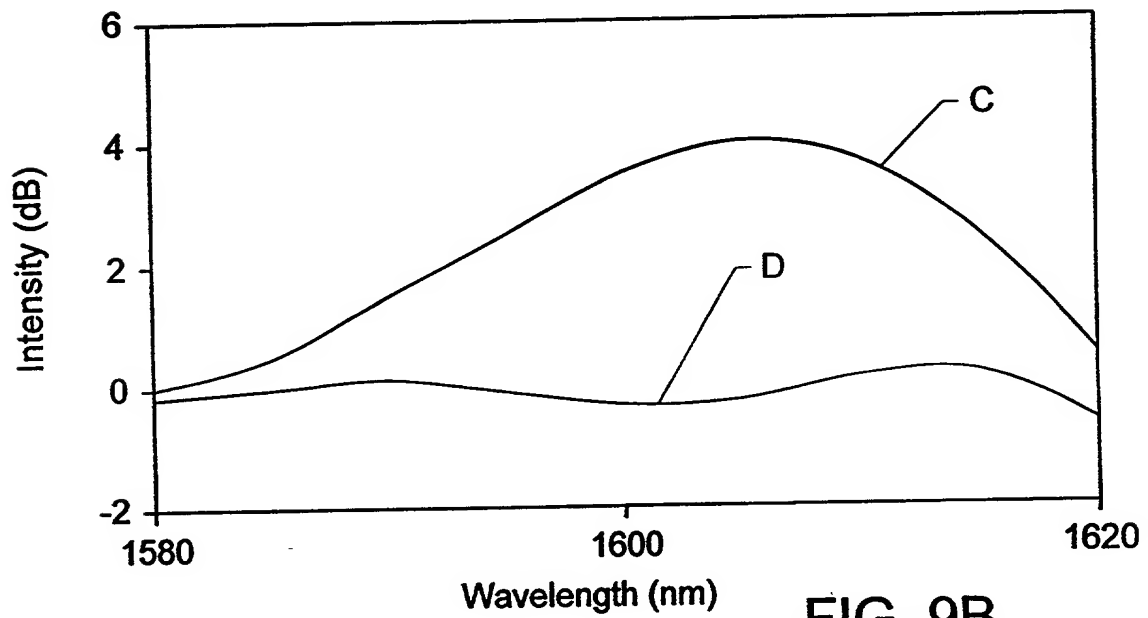


FIG. 9B

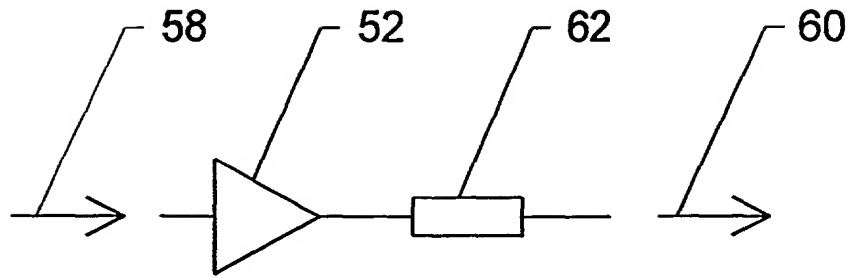


FIG. 10

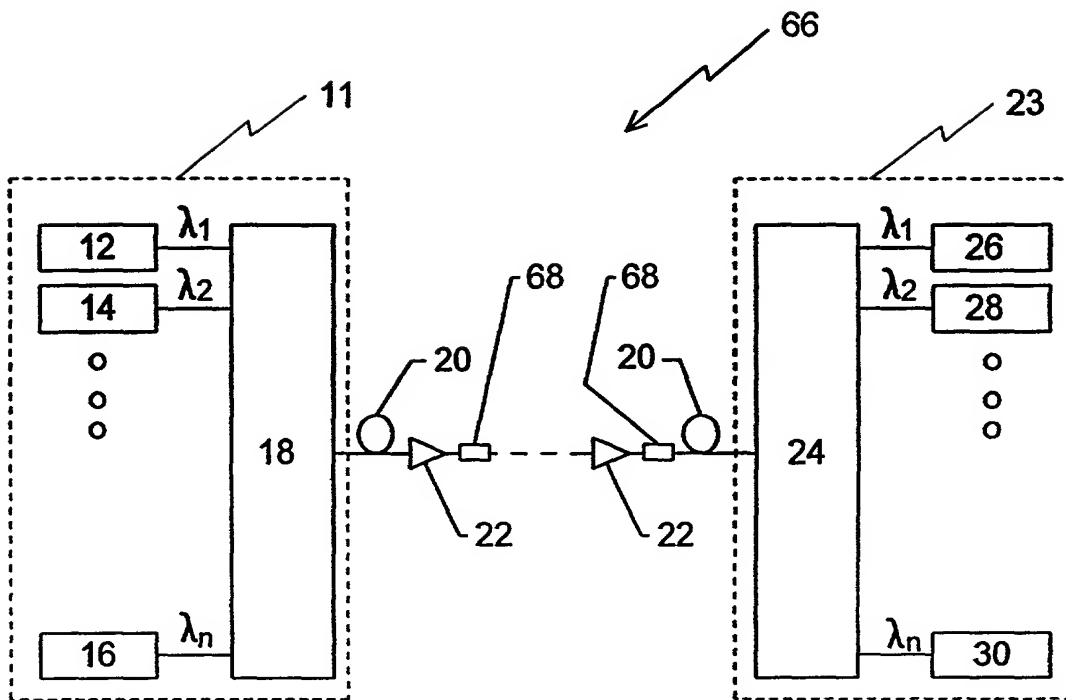


FIG. 11

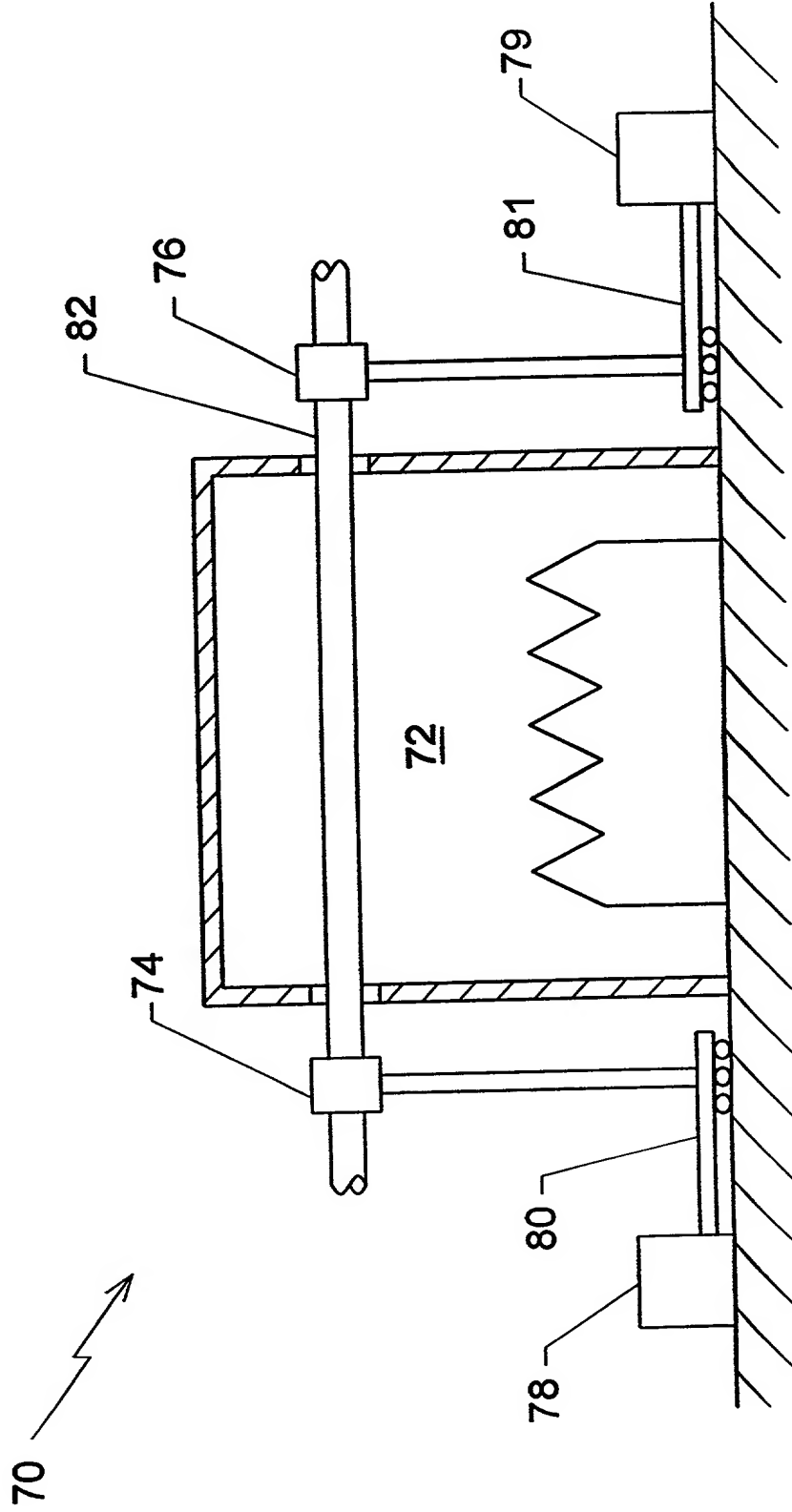


FIG. 12

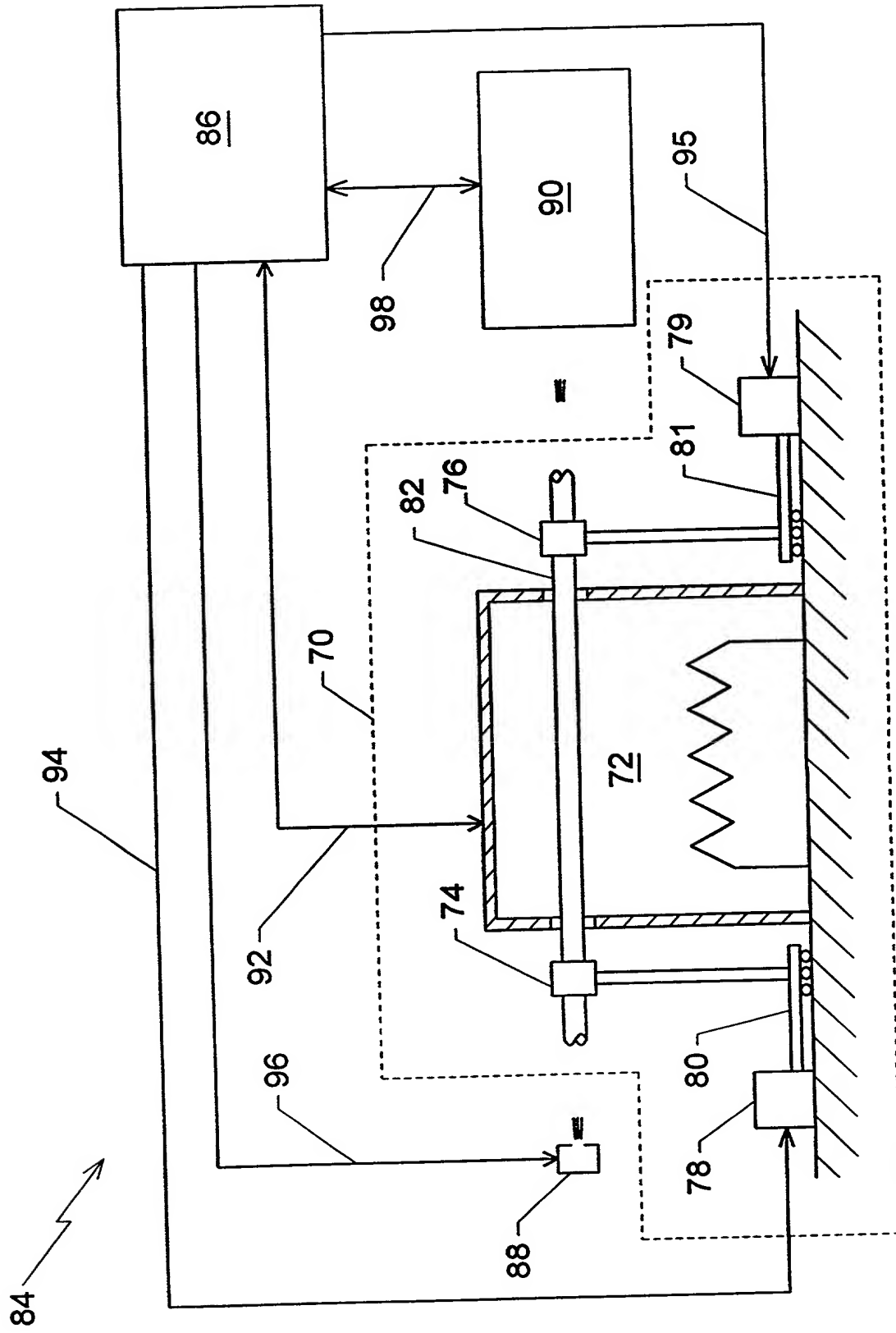


FIG. 13